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1 MSVDEICENTKMGREYALLGNYETSLVYYQGVLQQIQKLL
41 TSVHEPQRKHQWQTIRQELSQEYEHVKNITKTLNGFKSEP
81 AAEPAPNGRAAPFSHHQAAKPAAAEPARDPDVWPPPTP
121 VDHRPSPPYQRAARKDPPRRSEPSKPANRAPGNDRGGRGP
161 SDRRGDARSGGGGRGGARGSDKDKNRGGKSDKDKKAPSGE
201 EGDEKKFDPAGYDKDLVENLERDIVORNPNVHWADIAGLT
241 EAKRLLEEAVVLPLWMPDYFKGIRRPWKGVLMGPPGTGK
281 TMLAKAVATECGTTFFNVSSASLTSKYHGESEKLVRLFE
321 MARFYAPSTIFIDEIDSICSKRGTGSEHEASRRVKSELLI
361 OMDGVSGPSAGEESSKMVMVLAATNFPWDIDEALRRRLEK
401 RIYIPLPEIDGREQLLRINLKEVPLADDIDLKSIAEKMDG
441 YSGADITNVCRDASMMAMRRRIOGLRPEEIRHIPKEELNQ
481 PSTPADFLLALQKVSKSVGKEDLVKYMAMWMEEFGSV

FIG. 1A.

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p60	231	VHWAD	IAGL	TEAR	RLLE	DAVVL	ELWMD	YFKG	IFFPW	KGV	MV	GPPG	GTG
mei-1	190	MSLDD	IIGM	HDV	KQVL	HEAVT	PLLV	PEFF	QGLRSPW	KAMV	LA	GPPG	GTG
Suglp	145	STYDM	VGLT	KQI	KEI	KEVIE	LEV	VKH	PEIFES	LGIA	QPKGV	ILV	GPPG
ftsh	149	TTFAD	VAC	CCDEA	KEE	VAEL	VEY	LRE	SRF	QKLG	KEPKGV	ILV	GPPG
PASlp	694	IKWGD	IGAL	ANAK	DVLL	ETLEW	TKYE	PIE	VNCP	LRLR	SGIL	ILV	GPPG
NSF	224	EKMGI	GGLD	KEFS	DI	FRRA	FASRV	FFPE	EIVE	QMGCK	HVKGI	ILV	GPPG
p60	280	KTML	AKA	VATE	CGT	TFN	VSSA	SLTS	KRYH	GESE	KIVRL	LLFEM	AREYAP
mei-1	239	KTLL	ARAI	ASESS	STFT	VSSD	TLSS	KWRG	DS	EKIV	RL	LLFEL	AREYAP
Suglp	195	KTLL	ARAV	AHTD	CKEIR	VSGA	ELVQ	KYI	CEGSR	MVREL	FVMA	REHAP	
ftsh	198	KTLL	AKAI	IAGE	AKVP	FTT	ISG	SDF	VEVF	GVGAS	RVDM	FEQ	AKKARP
PASlp	744	KTLL	ASA	VADQ	CGLN	EIS	MGPE	ILNK	FI	GA	SE	QNTREL	FERA
NSF	274	KTLL	ARQ	IGKML	NARE	PKV	VNGP	ELNK	YVGE	SEAN	IRK	LE	ADAE
p60	328	.....	STFI	IDEI	DS	CSKR	GTG	SE	HEAS	RRVK	SELI	IQMD	GVSGP
mei-1	287	.....	SI	FI	IDEI	DTL	GQR	.....	GN	SE	HEAS	RRVK	SELI
Suglp	243	.....	SI	FI	MEI	DEI	DS	.....	GN	SE	HEAS	RRVK	SELI
ftsh	246	.....	CI	FI	IDEI	DAV	GRQ	CA	GLG	GHD	ERE	QTLN	QMDG
PASlp	792	.....	CI	FI	DEI	DS	IA	PKRGH	.....	D	STG	VTD	RVN
NSF	324	.....	LG	AN	SG	HL	IF	DEI	DA	ICK	Q	RG	S
p60	369	SAGE	ESSK	MVM	VL	AATN	FP	WD	IDE	ALRR	.....	R	LEK
mei-1	324	SQNK	FDS	RRV	FL	AATN	IP	WEI	DE	ALRR	.....	R	FEK
Suglp	285	.....	SK	NI	KI	IM	ATN	RL	DI	DP	ALL	RP	GN
ftsh	288	.....	NE	GI	II	AATN	RP	D	VD	P	ALL	RP	GR
PASlp	832	D	.....	GV	YIL	AAT	SR	PD	LD	S	ALL	RP	GR
NSF	373	N	.....	NI	IG	MTN	RP	DL	IDE	ALL	RP	GR	LE
p60	417	RINL	.....	KE	VP	AD	DT	LKS	IA	EK	MD	GV	SGAD
mei-1	372	EKSM	.....	EG	TP	K	S	DEI	NY	DD	LA	AR	EG
Suglp	329	RIHS	.....	R	K	M	N	TR	G	I	N	L	R
ftsh	332	KVHM	RR	V	P	I	A	P	D	I	DA	I
PASlp	875	QAI	VNSK	DK	DT	G	Q	K	F	A	E	K	N
NSF	416	HI	H	T	A	R	M	R	G	H	Q

FIG. 1B.

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Fig. 1A

1 HSVDEICENTKM GREYALLGNYETSLVYYYQGV LQQIQKLL
 41 TSVHEPQRKHQWQTIRQELSQEYEHVKNITKT LNGFKSEP
 81 AAPEPAPNHRAAPF SHHQHAAKPAAAEPARDPDVWPPTP
 121 VDHRPSPPYQRAARKDPPRRSEPSK PANRAPGNDRGGGRGP
 161 SDRRGDARS GGGGGRGGARGSDKDKNRGGKSDKDKKAPSGE
 201 EGDEKKFDPAGYDKDLVENLERDI VQRNPNVHWADIAGLT
 241 EAKRLLEEAVVLP LWM PDYFKGIRRPWKGVLMV **GEFGTGG**
 281 **TM**HLAKAVATECGTTFFNVSSASLT SKYHGESEKLVRLFFE
 321 MARFYAPSTIFIDEIDSICSKRG TGSEHEASRRVKSELLI
 361 QMDGYSGPSAGEESSKMVMVLAATNFPWDIDEALRRRLEK
 401 RIYIPLPEIDGREQLLRINLKEVPLADDIDLK SIAEKMDG
 441 YSGADITNVC RDASHMAMRRRIQGLRPEEIRHIPKEELNQ
 481 PSTPADFLLALQKYSK SVGKEDLVKYMAMWEEFGSV

Fig. 1B

p60 231 VHWADIA **GLTEAKRLLE**AVVLELWMDYFKGIRRPW **KGVL**MY **GEFGTGG**
 mei-1 190 MSLDDIIGMHVDVQVLEHAYTLELLV **EEFG**QGLRSPW **KAMV**LAG **GEFGTGG**
 Sug1p 145 STYDMVG **GLTKQIKE**IK **EVIE**LEVKHELE **ESLG**IAQPK **GVIL**Y **GEFGTGG**
 ftsH 149 TTFATVA **SCDEAK**EEVAVLVEY **LRE**SR **QKLGG**KIP **GVIL**Y **GEFGTGG**
 Pas1p 694 IKWGDIGALANARDVLL **ETLEW**ETKYEPI **SYNC**PLRLRS **GL**Y **GYPGCG**
 NSF 224 EKMGI **GGLDKE**FS **DI**FERRAFASRVF **PE**IIVEQMGCKHVK **GL**Y **GEFGCG**

p60 280 **KTM**EAKAVATECGTTEFN **VSS**ASLT SKYHGESEKLVRLFFE **EMAR**FYAE
 mei-1 239 **KTE**ILARA **LS**ESSSTFT **VSS**DLSSKWRG **DSK**IRL **TE**ELARFYAP
 Sug1p 195 **KTE**ILARA **VA**HHTDCKEIR **ESG**AELVQ **YI**EGSRM **YRE**EM **VM**AREHAE
 ftsH 198 **KTE**ILAKA **LA**GEAKYPEFT **ISG**SDFVEMFY **GYG**ASRV **DM**EQAKKAAE
 Pas1p 744 **KTE**ILASA **VA**QCCGLNEIS **VKG**PEILN **EF**IGAS **QN**IRE **ME**RAQSVKE
 NSF 274 **KTE**ILARQ **IGK**MLNAREPKV **NG**PEILN **YV**GESEANIP **K**ADAE **EE**QRR

p60 328 **STIE**IDEID **SIC**SKR... **GTG**SEHEASRRVKSE **IL**IQMDGYSGP
 mei-1 287 **SEIE**IDEID **TLG**QR... **CNS**GEHEASRRYKSE **EL**YOMDG...
 Sug1p 243 **STIE**IDEID **SIG**STEVE **GSG**GDSEVQ **ET**MLE **IL**NQLDGFET
 ftsH 246 **CLIE**IDEID **AVG**RQ **GAG**LG **GHD**EREQTLNQ **IL**YEMDGEFEG
 Pas1p 792 **CILE**FDEED **STAP**KRGH... **DST**GYTDE **VVNQ**IL **IQMDG**AEGL
 NSF 324 LGANSGLH **ETIE**IDEID **AKC**KQ **GS** **HAG**STGVHD **TVVNQ**IL **SKIDG**VEQL

p60 369 SAGEESSKMVMVLAATNFPWDIDEALRR... **LEK**RIYIP **PEID**GREQLL
 mei-1 324 SQNKFD **SR**RVF **LA**ATNIEWELDEALRR... **PEE**KRIFIP **PDID**ARKKLI
 Sug1p 285 **SKN**IKIIM **ETN**RL **IL**DP **ALL**REG **IDR**KIEFP **PP**SVAARAEIL
 ftsH 288 **NEG**IIVIA **AT**REDYLD **PA**LLREG **FDR**QVYV **GP**DVYRGREQIL
 Pas1p 832 D..... **GVY**IL **AT**SREDL **IDS**ALLREG **LDK**SVICNIP **TES**ERLDIL
 NSF 373 N..... **NIL**WIGHT **TR**EDL **IDE**ALLREG **LEV**KMEIG **EP**DEKGR **LQ**IL

p60 417 RINL..... **KEV**PLADD **IDL**KSIAEKMD **GY**SGADIT
 mei-1 372 EKSM..... **EGT**PKSDE **IN**YDDL **AR**TEGE **SG**ADYV
 Sug1p 329 RIHS..... **RKM**NI **TR**GINLRKV **AEK**MNG **CS**GADYK
 ftsH 332 KVHM..... **RRV**PL **APD**IDA **AI**ARCT **PG**ESGADLA
 Pas1p 875 QAIYNSKDKDTGQKKFAL **EKN**AD **LKL**IAEK **TAGE**SGADLQ
 NSF 416 HI... **HT**ARMRGHQ... **LS**ADV **IKEL**AVE **T**KNE **SG**AEELE